First QUARTER 2012

Norlite Corporation 628 South Saratoga Street Cohoes, NY 12047

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	Air, zero	SN: <u>0129005-001</u>	Certified Conc.:	zero air
#2 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	Certified Conc.:	1001 ppm
#3 Gas Standard (type):		SN:	Certified Conc.:	

CALIBRATION DATE1:	CALIBRATOR	RESPONSE	RECALIBRATED?	COMMENTS
4/04/0040	T\0/	Gas #1 0	N	
1/24/2012	TVV	Gas #2 1001 Gas #3	N	Calibrated
1/25/2012	TVV	Gas #1 0 Gas #2 1000	N	
1723/2012	1 V V	Gas #3	N	Calibrated
1/26/2012	TVV	Gas #1 0 Gas #2 999	N	
1720/2012	1 V V	Gas #3	N	Calibrated
		Gas #1 Gas #2 Gas #3		
		Gas #1 Gas #2 Gas #3		
		Gas #1 Gas #2 Gas #3		
	RE	SPONSE TIME CHECK		
Gas Standard SN:	BAJ-289-990-1	-		1/24/2012 1001
Time Response (sec.)	Instrument Response (ppm)		Comments	
<u>4</u>	<u>1000</u>			
<u>3</u> <u>3</u>	<u>999</u> 1000			
Average Response Time	3.33 seconds	1		

<sup>&</sup>lt;sup>1</sup> Calibration is required at the beginning of each sampling day.

<sup>&</sup>lt;sup>2</sup> Response time check is required once per month.

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	Certified Conc.: 1001 ppm	
#2 Gas Standard (type):		SN:	Certified Conc.:	
#3 Gas Standard (type):		SN:	Certified Conc.:	

DATE	INITIALS	METER READINGS	AVERAGE DIFFERENCE <sup>1</sup>	CALIBRATION PRECISION % <sup>2</sup>	COMMENTS
		#1 Gas-	DITTERCITOE	1 KEOIOION 70	
1/24/2012	TVV	a 998	2.00	0.20	
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		b 1000	1 2.00	0.20	
		c 1003			
		#2 Gas-			
		a			
		b			
		c			
		#3 Gas-			
		a			
		b			
		c			
		#1 Gas-			
1/25/2012	TVV	a 1002	2.00	0.20	
		b 997			
		c 1000			
		#2 Gas-			
		а			
		b			
		С			
		#3 Gas-			
		а			
		b			
		С			
1/26/2012	TVV	#1 Gas-			
		a 996	3.33	0.33	
		b 997			
		c 1000			
		#2 Gas-			
		a			
		b			
		С			
		#3 Gas-			
		а			
		b			
		С			
		#1 Gas-			
		a			
		b			
		C			
		#2 Gas-			
		a b			
		C			
		#3 Gas-			
		a			
		b			
		С	1		

<sup>&</sup>lt;sup>1</sup> Average difference is done by calculating difference between each meter reading and certified concentration, divided by the number of meter readings.

<sup>&</sup>lt;sup>2</sup> Calibration precision percentage is obtained by dividing value in step (1) by the certified concentration and multiplying by 100.

Second Quarter 2012

Norlite Corporation 628 South Saratoga Street Cohoes, NY 12047

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	Certified Conc.: 1001 ppm	
#2 Gas Standard (type):		SN:	Certified Conc.:	
#3 Gas Standard (type):		SN:	Certified Conc.:	

DATE	INITIALS	METER	AVERAGE	CALIBRATION	COMMENTS
DAIL	MILIALO	READINGS	DIFFERENCE <sup>1</sup>	PRECISION %2	COMMINICIALS
4/23/2012	TVV	#1 Gas- a 995 b 997 c 999	4.00	0.40	
		#2 Gas- a b c			
		#3 Gas- a b c			
4/24/2012	TVV	#1 Gas- a 1003 b 998 c 998	2.67	0.27	
		#2 Gas- a b c			
		#3 Gas- a b c			
		#1 Gas- a b c			
		#2 Gas- a b			
		#3 Gas- a b			
		#1 Gas- a b			
		#2 Gas- a b			
		#3 Gas- a b			

<sup>&</sup>lt;sup>1</sup> Average difference is done by calculating difference between each meter reading and certified concentration, divided by the number of meter readings.

<sup>&</sup>lt;sup>2</sup> Calibration precision percentage is obtained by dividing value in step (1) by the certified concentration and multiplying by 100.

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	Air, zero	SN: <u>0129005-001</u>	_Certified Conc.:	zero air
#2 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	_Certified Conc.:	1001 ppm
#3 Gas Standard (type):		SN:	Certified Conc.:	

CALIBRATION DATE1:	CALIBRATOR	RESPONSE	RECALIBRATED?	COMMENTS
4/23/2012	TVV	Gas #1 0 Gas #2 1001	N	
		Gas #3	N	Calibrated
4/0.4/0.40	T) 0 /	Gas #1 0	N	
4/24/2012	TVV	Gas #2 1000 Gas #3	N	Calibrated
		Gas #1		
		Gas #2 Gas #3		
		Gas #1		
		Gas #2 Gas #3		
		Gas #1		
		Gas #2 Gas #3		
		Gas #1		
		Gas #2 Gas #3		
	RE	SPONSE TIME CHECK	<b>\</b> 2	
Gas Standard SN:	BAJ-289-990-1	_	Date: Conc:	4/23/2012 1001
Time Response (sec.)	Instrument Response (ppm)		Comments	
<u>4</u>	998			
<u>4</u> <u>3</u>	<u>999</u> 1001			
Average Response Time	3.33 seconds			

<sup>&</sup>lt;sup>1</sup> Calibration is required at the beginning of each sampling day. <sup>2</sup> Response time check is required once per month.

**Third QUARTER 2012** 

Norlite Corporation 628 South Saratoga Street Cohoes, NY 12047

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	Air, zero	SN: <u>0129005-001</u>	Certified Conc.:	zero air
#2 Gas Standard (type):	N-Hexane	SN: <u>BAJ-289-990-1</u>	Certified Conc.:	1001 ppm
#3 Gas Standard (type):		SN:	Certified Conc.:	

CALIBRATION DATE1:	CALIBRATOR	RESPONSE	RECALIBRATED?	COMMENTS
7/16/2012	TVV	Gas #1 0 Gas #2 1002	N	
1710/2012		Gas #3	N	Calibrated
7/17/2012	TVV	Gas #1 0 Gas #2 999	N	
.,,.,,=0		Gas #3	N	Calibrated
7/24/2012	TVV	Gas #1 0 Gas #2 1001	N	
172 112012		Gas #3	N	Calibrated
		Gas #1 Gas #2		
		Gas #3		
		Gas #1 Gas #2		
		Gas #3		
		Gas #1 Gas #2		
		Gas #2 Gas #3		
	RE	SPONSE TIME CHECK		
Gas Standard SN:	BAJ-289-990-1	_	Date: Conc:	7/16/2012 1001
Time Response (sec.)	Instrument Response (ppm)		Comments	
<u>3</u>	997			
<u>4</u> <u>4</u>	<u>1000</u> <u>1000</u>			
Average Response Time	3.67	1		

<sup>&</sup>lt;sup>1</sup> Calibration is required at the beginning of each sampling day.

(sec)

<sup>&</sup>lt;sup>2</sup> Response time check is required once per month.

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	N-Hexane	SN: <u>BAJ-289-990-1</u>	Certified Conc. (ppm):	1001
#2 Gas Standard (type):		SN:	Certified Conc. (ppm):	
#3 Gas Standard (type):		SN:	Certified Conc. (ppm):	

DATE	INITIALS	METER READINGS	AVERAGE DIFFERENCE <sup>1</sup>	CALIBRATION PRECISION % <sup>2</sup>	COMMENTS
7/16/2012	TVV	#1 Gas- a 994 b 996	4.33	0.43	
		c 1000 #2 Gas- a a b b			
		c c #3 Gas- a a			
		b b c c #1 Gas-			
7/17/2012	TVV	a 1002 b 1001 c 1002	0.67	0.07	
		#2 Gas- a a b b c c			
		#3 Gas- a a b b			
7/24/2012	TVV	c c #1 Gas- a 998	2.33	0.23	
		b 999 c 999 #2 Gas- a a			
		b b c c #3 Gas-			
		a a b b c c			
		#1 Gas- a b c	1001.00	100.00	
		#2 Gas- a a b b			
		c c #3 Gas- a a			
		b b c c			

<sup>&</sup>lt;sup>1</sup> Average difference is done by calculating difference between each meter reading and certified concentration, divided by the number of meter readings.

<sup>&</sup>lt;sup>2</sup> Calibration precision percentage is obtained by dividing value in step (1) by the certified concentration and multiplying by 100.

Fourth Quarter 2012

Norlite Corporation 628 South Saratoga Street Cohoes, NY 12047

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	Air, zero	SN: <u>0129005-001</u>	Certified Conc.:	zero air
#2 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	Certified Conc.:	1001 ppm
#3 Gas Standard (type):		SN:	Certified Conc.:	

CALIBRATION DATE1:	CALIBRATOR	RESPONSE	RECALIBRATED?	COMMENTS
40/22/2042	T) () (	Gas #1 0	N	
10/22/2012	TVV	Gas #2 999 Gas #3	N	Calibrated
10/00/00/0		Gas #1 0	N	
10/23/2012	TVV	Gas #2 1001 Gas #3	N	Calibrated
		Gas #1		
		Gas #2 Gas #3		
		Gas #1		
		Gas #2 Gas #3		
		Gas #1		
		Gas #2 Gas #3		
		Gas #1		
		Gas #2 Gas #3		
	RE	SPONSE TIME CHECK	<b>T</b> 2	
Gas Standard SN:	BAJ-289-990-1	-	Date: Conc:	10/22/2012 1001
Time Response	Instrument Response		Comments	
(sec.)	(ppm)		Commente	
<u>3</u>	<u>999</u>			
<u>3</u>	<u>1001</u>			
<u>3</u>	<u>1000</u>			
Average Response Time	3.00 seconds			

<sup>&</sup>lt;sup>1</sup> Calibration is required at the beginning of each sampling day.

<sup>&</sup>lt;sup>2</sup> Response time check is required once per month.

Microtip Serial #:	PPWM0051		
#1 Gas Standard (type):	N-Hexane	SN: <u>BAJ-289-990-1</u>	Certified Conc.: 1001 ppm
#2 Gas Standard (type):		SN:	Certified Conc.:
#3 Gas Standard (type):		SN:	Certified Conc.:

		METER	AVERAGE	CALIBRATION	
DATE	INITIALS	READINGS	DIFFERENCE <sup>1</sup>	PRECISION %2	COMMENTS
		#1 Gas-	DIFFERENCE	PRECISION /6"	
10/22/2012	T\/\/	a 997	2.00	0.20	
10/22/2012	1 V V	b 1000	2.00	0.20	
		c 1002			
		#2 Gas-			
		a b			
		c #3 Gas-			
		a b			
		C			
		#1 Gas-			
10/23/2012	TVV	a 1002	1.00	0.10	
10/23/2012	. • •	b 1002	1.00	0.10	
		c 1002			
		#2 Gas-			
		a			
		b			
		c			
		#3 Gas-			
		a			
		b			
		c			
		#1 Gas-			
		a			
		b			
		c			
		#2 Gas-			
		а			
		b			
		С			
		#3 Gas-			
		а			
		b			
		С			
		#1 Gas-			
		a			
		b			
		С		<u> </u>	
		#2 Gas-			
		а			
		b			
		С			
		#3 Gas-			
		а			
		b			
		С			

<sup>&</sup>lt;sup>1</sup> Average difference is done by calculating difference between each meter reading and certified concentration, divided by the number of meter readings.

<sup>&</sup>lt;sup>2</sup> Calibration precision percentage is obtained by dividing value in step (1) by the certified concentration and multiplying by 100.

First QUARTER 2013

Norlite, LLC 628 South Saratoga Street Cohoes, NY 12047

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	Certified Conc. (ppm):	1001
#2 Gas Standard (type):		SN:	Certified Conc. (ppm):	
#3 Gas Standard (type):		SN:	Certified Conc. (ppm):	

B.455		METER	AVERAGE	CALIBRATION	
DATE	INITIALS	READINGS	DIFFERENCE <sup>1</sup>	PRECISION % <sup>2</sup>	COMMENTS
		#1 Gas-			
1/17/2013	TVV	a 998	2.67	0.27	
		b 998			
		с 999			
		#2 Gas-			
		a a			
		b b			
		#3 Gas-			
		a a			
		b b			
		C C			
		#1 Gas-			
1/18/2013	TVV	a 998	1.33	0.13	
		b 1002			
		c 1001			
		#2 Gas-			
		аа			
		b b			
		СС			
		#3 Gas-			
		аа			
		b b			
		СС			
		#1 Gas-	4004.00	400.00	
		a	1001.00	100.00	
		b c			
		#2 Gas-			
		a a			
		b b			
		c c			
		#3 Gas-			
		a a			
		b b			
		СС			
		#1 Gas-			
		a	1001.00	100.00	
		b			
		C			
		#2 Gas-			
		a a			
		b b			
		c c #3 Gas-			
		a a b b			
		CC			
		C   C	I	i	

<sup>&</sup>lt;sup>1</sup> Average difference is done by calculating difference between each meter reading and certified concentration, divided by the number of meter readings.

<sup>&</sup>lt;sup>2</sup> Calibration precision percentage is obtained by dividing value in step (1) by the certified concentration and multiplying by 100.

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	Air, zero	SN: <u>0129005-001</u>	Certified Conc.:	zero air
#2 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	Certified Conc.:	1001 ppm
#3 Gas Standard (type):		SN:	Certified Conc.:	

CALIBRATION DATE1:	CALIBRATOR	RESPONSE	RECALIBRATED?	COMMENTS
1/17/2013	TVV	Gas #1 0 Gas #2 1001 Gas #3	N N	Calibrated
1/18/2013	TVV	Gas #1 0 Gas #2 1000 Gas #3	N N	Calibrated
		Gas #1 Gas #2 Gas #3		
		Gas #1 Gas #2 Gas #3		
		Gas #1 Gas #2 Gas #3		
		Gas #1 Gas #2 Gas #3		
Gas Standard SN:	BAJ-289-990-1	ESPONSE TIME CHECK		1/17/2013 1001
Time Response (sec.)	Instrument Response (ppm)		Comments	
<u>4</u> <u>4</u> <u>4</u>	<u>999</u> 1000 1001			
Average Response Time	4.00	7		

<sup>&</sup>lt;sup>1</sup> Calibration is required at the beginning of each sampling day.

(sec)

<sup>&</sup>lt;sup>2</sup> Response time check is required once per month.

**Second Quarter 2013** 

Norlite, LLC 628 South Saratoga Street Cohoes, NY 12047

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	N-Hexane	SN: <u>BAJ-289-990-1</u>	Certified Conc. (ppm):	1001
#2 Gas Standard (type):		SN:	Certified Conc. (ppm):	
#3 Gas Standard (type):		SN:	Certified Conc. (ppm):	

DATE	INITIALS		METER	AVERAGE	CALIBRATION	COMMENTS
		${f f eta}$	READINGS	DIFFERENCE <sup>1</sup>	PRECISION % <sup>2</sup>	
4/29/2013	T\/\/		#1 Gas- 995	5.33	0.53	
4/29/2013	1 V V	a		5.33	0.53	
		b	995			
		С	997			
			#2 Gas-			
		a				
		b				
		С				
			#3 Gas-			
		а				
		b				
		С				
			#1 Gas-			
4/30/2013	TVV	а	997	3.67	0.37	
		b	998			
		С	997			
			#2 Gas-			
		а				
		b	b			
		С	С			
			#3 Gas-			
		а	a			
		b	b			
		С				
			#1 Gas-			
		а		1001.00	100.00	
		b				
		С				
			#2 Gas-			
		а				
		b				
		С				
			#3 Gas-			
		а				
		b				
		C				
			#1 Gas-			
		а	<b>-</b>	1001.00	100.00	
		b		1001.00	100.00	
		C				
			#2 Gas-	<del> </del>		
		а				
		b	a h			
		C				
			#3 Gas-			
		a				
		b				
			r·	1	1	

<sup>&</sup>lt;sup>1</sup> Average difference is done by calculating difference between each meter reading and certified concentration, divided by the number of meter readings.

<sup>&</sup>lt;sup>2</sup> Calibration precision percentage is obtained by dividing value in step (1) by the certified concentration and multiplying by 100.

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	Air, zero	SN: <u>0129005-001</u>	Certified Conc.:	zero air
#2 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	Certified Conc.:	1001 ppm
#3 Gas Standard (type):		SN:	Certified Conc.:	

CALIBRATION DATE1:	CALIBRATOR	RESPONSE	RECALIBRATED?	COMMENTS
		Gas #1 0	N	
4/29/2013	TVV	Gas #2 999		
		Gas #3	N	Calibrated
		Gas #1 0	N	
4/30/2013	TVV	Gas #2 1001		
		Gas #3	N	Calibrated
		Gas #1		
		Gas #2		
		Gas #3		
		Gas #1		
		Gas #2		
		Gas #3		
		Gas #1		
		Gas #2		
		Gas #3		
		Gas #1		
		Gas #2		
		Gas #3		
	RE	SPONSE TIME CHECK		
Gas Standard SN:	BAJ-289-990-1	_	Date: Conc:	4/29/2013 1001
Time	Instrument			
Response	Response		Comments	
(sec.)	(ppm)			
<u>4</u>	<u>1000</u>			
<u>3</u>	<u>1000</u>			
<u>3</u>	<u>1001</u>			
Average Response Time (sec)	3.33	1		

<sup>&</sup>lt;sup>1</sup> Calibration is required at the beginning of each sampling day. <sup>2</sup> Response time check is required once per month.

**Third QUARTER 2013** 

Norlite, LLC 628 South Saratoga Street Cohoes, NY 12047

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	Air, zero	SN: <u>0129005-001</u>	Certified Conc.:	zero air
#2 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	Certified Conc.:	1001 ppm
#3 Gas Standard (type):		SN:	Certified Conc.:	

CALIBRATION DATE1:	CALIBRATOR	RESPONSE	RECALIBRATED?	COMMENTS
7/15/2013	TVV	Gas #1 0 Gas #2 1001	N	
1710/2010	.,,	Gas #3	N	Calibrated
7/16/2013	TVV	Gas #1 0 Gas #2 1000	N	
1710/2010	1,00	Gas #3	N	Calibrated
7/17/2013	TVV	Gas #1 0 Gas #2 1001	N	
7/17/2013	1 V V	Gas #3	N	Calibrated
		Gas #1 Gas #2 Gas #3		
		Gas #1 Gas #2 Gas #3		
		Gas #1 Gas #2 Gas #3		
	RE	SPONSE TIME CHECK		
Gas Standard SN:	BAJ-289-990-1	-	Date: Conc:	7/15/2013 1001
Time Response (sec.)	Instrument Response (ppm)		Comments	
<u>3</u>	<u>998</u>			
<u>3</u> <u>4</u>	<u>999</u> 1001			
Average Response Time (sec)	3.33			

<sup>&</sup>lt;sup>1</sup> Calibration is required at the beginning of each sampling day. <sup>2</sup> Response time check is required once per month.

(sec)

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	N-Hexane	SN: <u>BAJ-289-990-1</u>	Certified Conc. (ppm):	1001
#2 Gas Standard (type):		SN:	Certified Conc. (ppm):	
#3 Gas Standard (type):		SN:	Certified Conc. (ppm):	

DATE	INITIALS		METER	AVERAGE	CALIBRATION	COMMENTS
		Ш	READINGS #1 Gas-	DIFFERENCE <sup>1</sup>	PRECISION %2	
7/15/2013	T\/\/	а	#1 Gas-	4.00	0.40	
1/13/2013	1 4 4	b	997	4.00	0.40	
		C	999			
			#2 Gas-			
		а				
		b				
		c				
			#3 Gas-			
		а				
		b				
		С				
			#1 Gas-			
7/16/2013	TVV	а	998	2.33	0.23	
		b	998			
		С	1000			
			#2 Gas-			
		а				
		b				
		С				
			#3 Gas-			
		a				
		b				
		С				
7/17/2013	T\/\/		#1 Gas-	2.33	0.22	
1/11/2013	1 V V	a	997 999	2.33	0.23	
		b c	1002			
		_	#2 Gas-			
		а				
		b				
		c				
		Ť	#3 Gas-			
		а				
		b				
		С				
			#1 Gas-			
		а		1001.00	100.00	
		b				
		С				
			#2 Gas-			
			a			
			b			
			<u>C</u>		-	
			#3 Gas-			
			a			
		b				
			C:	Ī	ī	

<sup>&</sup>lt;sup>1</sup> Average difference is done by calculating difference between each meter reading and certified concentration, divided by the number of meter readings.

<sup>&</sup>lt;sup>2</sup> Calibration precision percentage is obtained by dividing value in step (1) by the certified concentration and multiplying by 100.

**Fourth Quarter 2013** 

Norlite, LLC 628 South Saratoga Street Cohoes, NY 12047

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	N-Hexane	SN: <u>BAJ-289-990-1</u>	Certified Conc. (ppm):	1001
#2 Gas Standard (type):		SN:	Certified Conc. (ppm):	
#3 Gas Standard (type):		SN:	Certified Conc. (ppm):	

DATE	INITIALS	METER	AVERAGE	CALIBRATION	COMMENTS
DAIL	ALO	READINGS	DIFFERENCE <sup>1</sup>	PRECISION %2	JOHNHEIT I
10/8/2013	TVV	#1 Gas- a 999 b 999 c 1001	1.33	0.13	
		#2 Gas- a a b b			
		c c #3 Gas- a a b b			
		СС			
10/9/2013	TVV	#1 Gas- a 998 b 997	3.00	0.30	
		c 999 #2 Gas- a a b b			
		c c #3 Gas- a a			
		b b c c #1 Gas-			
		a b c	1001.00	100.00	
		#2 Gas- a a b b			
		c c #3 Gas- a a			
		b b c c			
		#1 Gas- a b c	1001.00	100.00	
		#2 Gas- a a b b			
		c c #3 Gas- a a			
		b b c c			

<sup>&</sup>lt;sup>1</sup> Average difference is done by calculating difference between each meter reading and certified concentration, divided by the number of meter readings.

<sup>&</sup>lt;sup>2</sup> Calibration precision percentage is obtained by dividing value in step (1) by the certified concentration and multiplying by 100.

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	Air, zero	SN: <u>0129005-00</u>	1 Certified Conc.:	zero air
#2 Gas Standard (type):	N-Hexane	SN: BAJ-289-99	0-1 Certified Conc.:	1001 ppm
#3 Gas Standard (type):		SN:	Certified Conc.:	-

CALIBRATION DATE1:	CALIBRATOR	RESPONSE	RECALIBRATED?	COMMENTS
		Gas #1 0	N	
10/8/2013	TVV	Gas #2 1001		
		Gas #3	N	Calibrated
		Gas #1 0	N	
10/9/2013	TVV	Gas #2 1000		
		Gas #3	N	Calibrated
		Gas #1		
		Gas #2		
		Gas #3		
		Gas #1		
		Gas #2		
		Gas #3		
		Gas #1		
		Gas #2		
		Gas #3		
		Gas #1		
		Gas #2		
		Gas #3		
Gas Standard SN:	RE BAJ-289-990-1	SPONSE TIME CHECK	Date:	10/8/2013 1001
Time	Instrument	Ī		
Response	Response		Comments	
(sec.)	(ppm)			
<u>4</u>	<u>999</u>			
<u>4</u>	<u>998</u>			
<u>4</u>	<u>1000</u>			
Average Response Time (sec)	4.00			

<sup>&</sup>lt;sup>1</sup> Calibration is required at the beginning of each sampling day. <sup>2</sup> Response time check is required once per month.

First QUARTER 2014

Norlite, LLC 628 South Saratoga Street Cohoes, NY 12047

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	Certified Conc. (ppm):	1001
#2 Gas Standard (type):		SN:	Certified Conc. (ppm):	
#3 Gas Standard (type):		SN:	Certified Conc. (ppm):	

DATE	INITIALO		METER	AVERAGE	CALIBRATION	COMMENTO
DATE	INITIALS		READINGS	DIFFERENCE <sup>1</sup>	PRECISION % <sup>2</sup>	COMMENTS
		T	#1 Gas-	-		
1/27/2014	TVV	а	999	2.00	0.20	
		b	997			
		С	1001			
			#2 Gas-			
			<b>a</b>			
			b			
		C	C			
		١	#3 Gas-			
			a b			
			C			
		۲	#1 Gas-			
1/28/2014	TVV	а		2.00	0.20	
55.	_	b				
		С	1003			
			#2 Gas-			
			a			
			b			
		С	С			
			#3 Gas-			
			a			
			b			
		С	#1 Gas-			
		а		1001.00	100.00	
		b		1001.00	100.00	
		c				
		Ě	#2 Gas-			
		а	а			
		b	b			
			С			
			#3 Gas-			
			a			
			b			
		С	C			
		L	#1 Gas-	1001.00	100.00	
		a b		1001.00	100.00	
		C				
			#2 Gas-			
			a			
			b			
			C			
			#3 Gas-			
			а			
			b			
			С			

<sup>&</sup>lt;sup>1</sup> Average difference is done by calculating difference between each meter reading and certified concentration, divided by the number of meter readings.

<sup>&</sup>lt;sup>2</sup> Calibration precision percentage is obtained by dividing value in step (1) by the certified concentration and multiplying by 100.

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	Air, zero	SN: <u>0129005-001</u>	Certified Conc.:	zero air
#2 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	Certified Conc.:	1001 ppm
#3 Gas Standard (type):		SN:	Certified Conc.:	

CALIBRATION DATE1:	CALIBRATOR	RESPONSE	RECALIBRATED?	COMMENTS
1/27/2014	TVV	Gas #1 0 Gas #2 1001	N	
		Gas #3	N	Calibrated
1/28/2014	TVV	Gas #1 0 Gas #2 1000	N	
725/25 1 1		Gas #3	N	Calibrated
		Gas #1 Gas #2 Gas #3		
		Gas #1 Gas #2 Gas #3		
		Gas #1 Gas #2 Gas #3		
		Gas #1 Gas #2 Gas #3		
	RE	SPONSE TIME CHECK		
Gas Standard SN:	BAJ-289-990-1	_	Date: Conc:	1/27/2014 1001
Time Response (sec.)	Instrument Response (ppm)		Comments	
<u>4</u> <u>3</u> <u>3</u>	<u>1000</u> <u>1000</u>			
3 Average Response Time (sec)	1001 3.33			

<sup>&</sup>lt;sup>1</sup> Calibration is required at the beginning of each sampling day. <sup>2</sup> Response time check is required once per month.

## FUGITIVE VOC EMISSION SURVEY SCREENING REPORT

Second Quarter 2014

Norlite, LLC 628 South Saratoga Street Cohoes, NY 12047

### **APPENDIX A**

Microtip Calibration Data Sheets

#### **MICROTIP CALIBRATION DATA SHEET**

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	Air, zero	SN: <u>0129005-001</u>	Certified Conc.:	zero air
#2 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	Certified Conc.:	1001 ppm
#3 Gas Standard (type):		SN:	Certified Conc.:	

CALIBRATION DATE <sup>1</sup> :	CALIBRATOR	RESPONSE	RECALIBRATED?	COMMENTS
4/17/2014	TVV	Gas #1 0 Gas #2 1000	N	
		Gas #3	N	Calibrated
4/40/0044	T) 0 /	Gas #1 0	N	
4/18/2014	TVV	Gas #2 1001 Gas #3	N	Calibrated
		Gas #1 Gas #2		
		Gas #3 Gas #1 Gas #2 Gas #3		
		Gas #1 Gas #2 Gas #3		
		Gas #1 Gas #2 Gas #3		
	RE	SPONSE TIME CHECK		
Gas Standard SN:	BAJ-289-990-1	_		4/17/2014 1001
Time Response (sec.)	Instrument Response (ppm)		Comments	
<u>4</u> <u>3</u>	<u>1000</u> <u>1000</u>			
<u>3</u>	<u>1001</u>			
Average Response Time (sec)	3.33	1		

<sup>&</sup>lt;sup>1</sup> Calibration is required at the beginning of each sampling day.

(sec)

<sup>&</sup>lt;sup>2</sup> Response time check is required once per month.

# 40 CFR 60, APPENDIX A, METHOD 21 CALIBRATION PRECISION TEST DATA SHEET

(QUARTERLY)

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	Certified Conc. (ppm):	1001
#2 Gas Standard (type):		SN:	Certified Conc. (ppm):	
#3 Gas Standard (type):		SN:	Certified Conc. (ppm):	

DATE	INITIALS		METER	AVERAGE	CALIBRATION	COMMENTS
DAIL	ALO	lacksquare	READINGS	DIFFERENCE <sup>1</sup>	PRECISION % <sup>2</sup>	OSIMILITIO
4/47/0044	T. () (		#1 Gas-	0.07	0.07	
4/17/2014	IVV	a	999	2.67	0.27	
		b	998			
		С	998			
		а	#2 Gas-			
		b				
		C				
			#3 Gas-			
		а				
		b				
		c				
			#1 Gas-			
4/18/2014	TVV	а	1000	1.00	0.10	
		b	999			
		С	1001			
			#2 Gas-			
		а				
		b	b			
		С				
			#3 Gas-			
		а				
		b				
		С				
			#1 Gas-	4004.00	400.00	
		а		1001.00	100.00	
		b				
		С	#2 Gas-		+	
		а				
		b				
		c				
		۲	#3 Gas-			
		а				
		b				
		c				
			#1 Gas-			
		а		1001.00	100.00	
		b				
		С				
			#2 Gas-			
			а			
			b			
			C			
			#3 Gas-			
			a			
		b				
	i	c	C	i	1	

<sup>&</sup>lt;sup>1</sup> Average difference is done by calculating difference between each meter reading and certified concentration, divided by the number of meter readings.

<sup>&</sup>lt;sup>2</sup> Calibration precision percentage is obtained by dividing value in step (1) by the certified concentration and multiplying by 100.

## FUGITIVE VOC EMISSION SURVEY SCREENING REPORT

**Third QUARTER 2014** 

Norlite, LLC 628 South Saratoga Street Cohoes, NY 12047

### **APPENDIX A**

Microtip Calibration Data Sheets

#### **MICROTIP CALIBRATION DATA SHEET**

Microtip Serial #: PPWM0051

#1 Gas Standard (type): Air, zero SN: 0129005-001 Certified Conc.: zero air

#2 Gas Standard (type): N-Hexane SN: BAJ-289-990-1 Certified Conc.: 1001 ppm

#3 Gas Standard (type): SN: Certified Conc.:

CALIBRATION DATE1:	CALIBRATOR	RESPONSE	RECALIBRATED?	COMMENTS
		Gas #1 0	N	
7/21/2014	TVV	Gas #2 1001	N	
		Gas #3		Calibrated
		Gas #1 0	N	
7/22/2014	TVV	Gas #2 1000	N	
		Gas #3		Calibrated
		Gas #1 0	N	
7/23/2014	TVV	Gas #2 999	N	
		Gas #3		Calibrated
		Gas #1		
		Gas #2		
		Gas #3		
		Gas #1		
		Gas #2		
		Gas #3		
		Gas #1		
		Gas #2		
		Gas #3		
	RI	ESPONSE TIME CHEC		
Gas Standard SN:	BAJ-289-990-1	_	Date: Conc:	7/21/2014 1001
Time	Instrument			
Response	Response		Comments	
(sec.)	(ppm)			
<u>4</u>	<u>1001</u>			
<u>4</u>	<u>1000</u>			
<u>3</u>	999			
Average Response Time (sec)	3.67			

<sup>&</sup>lt;sup>1</sup> Calibration is required at the beginning of each sampling day.

<sup>&</sup>lt;sup>2</sup> Response time check is required once per month.

# 40 CFR 60, APPENDIX A, METHOD 21 CALIBRATION PRECISION TEST DATA SHEET

(QUARTERLY)

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	Certified Conc. (ppm):	1001
#2 Gas Standard (type):		SN:	Certified Conc. (ppm):	
#3 Gas Standard (type):		SN:	Certified Conc. (ppm):	

DATE	INITIALS	METER READINGS	AVERAGE DIFFERENCE <sup>1</sup>	CALIBRATION PRECISION %2	COMMENTS
7/21/2014	TVV	#1 Gas- a 1000 b 1002	1.67	0.17	
		c 998 #2 Gas- a a			
		b b c c #3 Gas-			
		a a b b c c			
7/22/2014	TVV	#1 Gas- a 997 b 1001	1.67	0.17	
		c 1002 #2 Gas- a a b b			
		c c #3 Gas- a a			
		b b c c #1 Gas-			
7/23/2014		a 999 b 999 c 998	2.33	0.23	
		#2 Gas- a a b b			
		#3 Gas- a a			
		b b c c #1 Gas-	1001.00	100.00	
		a b c #2 Gas-	1001.00	100.00	
		a a b b c c			
		#3 Gas- a a b b c c			

<sup>&</sup>lt;sup>1</sup> Average difference is done by calculating difference between each meter reading and certified concentration, divided by the number of meter readings.

<sup>&</sup>lt;sup>2</sup> Calibration precision percentage is obtained by dividing value in step (1) by the certified concentration and multiplying by 100.

## FUGITIVE VOC EMISSION SURVEY SCREENING REPORT

Fourth Quarter 2014

Norlite, LLC 628 South Saratoga Street Cohoes, NY 12047

### **APPENDIX A**

Microtip Calibration Data Sheets

### 40 CFR 60, APPENDIX A, METHOD 21 CALIBRATION PRECISION TEST DATA SHEET

(QUARTERLY)

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	Certified Conc. (ppm):	1001
#2 Gas Standard (type):		SN:	Certified Conc. (ppm):	
#3 Gas Standard (type):		SN:	Certified Conc. (ppm):	

DATE	INITIALO	METER	AVERAGE	CALIBRATION	COMMENTS
DATE	INITIALS	READINGS	DIFFERENCE <sup>1</sup>	PRECISION %2	COMMENTS
		#1 Gas-			
10/8/2014	TVV	a 1000	1.00	0.10	
		b 1001			
		c 1003			
		#2 Gas-			
		a a			
		b b			
		СС			
		#3 Gas-			
		a a			
		b b			
		C C			
10/0/2014	T\/\/	#1 Gas-	4.00	0.40	
10/9/2014	1 V V	a 999	1.33	0.13	
		b 1000 c 1000			
		c 1000 #2 Gas-			
		a a			
		b b			
		CC			
		#3 Gas-			
		a a			
		b b			
		CC			
		#1 Gas-			
		a	1001.00	100.00	
		b			
		С			
		#2 Gas-			
		аа			
		b b			
		СС			
		#3 Gas-			
		аа			
		b b			
		СС			
		#1 Gas-			
		a	1001.00	100.00	
		b			
		C			
		#2 Gas-			
		a a			
		b b			
		C C			
		#3 Gas-			
		a a			
		b b			
		СС	1	1	

<sup>&</sup>lt;sup>1</sup> Average difference is done by calculating difference between each meter reading and certified concentration, divided by the number of meter readings.

<sup>&</sup>lt;sup>2</sup> Calibration precision percentage is obtained by dividing value in step (1) by the certified concentration and multiplying by 100.

#### **MICROTIP CALIBRATION DATA SHEET**

Microtip Serial #:	PPWM0051			
#1 Gas Standard (type):	Air, zero	SN: <u>0129005-001</u>	Certified Conc.:	zero air
#2 Gas Standard (type):	N-Hexane	SN: BAJ-289-990-1	Certified Conc.:	1001 ppm
#3 Gas Standard (type):		SN:	Certified Conc.:	

CALIBRATION DATE1:	CALIBRATOR	RESPONSE	RECALIBRATED?	COMMENTS
10/8/2014	TVV	Gas #1 0 Gas #2 1002 Gas #3	N N	Oalthaatad
10/9/2014	TVV	Gas #1 0 Gas #2 1001 Gas #3	N N	Calibrated  Calibrated
		Gas #1 Gas #2 Gas #3		
		Gas #1 Gas #2 Gas #3		
		Gas #1 Gas #2 Gas #3		
		Gas #1 Gas #2 Gas #3		
Gas Standard SN:	R BAJ-289-990-1	ESPONSE TIME CHECI	Date:	10/8/2014 1001
Time Response (sec.)	Instrument Response (ppm)		Comments	
3 3 3	1000 1001 999			
Average Response Time	3.00			

<sup>&</sup>lt;sup>1</sup> Calibration is required at the beginning of each sampling day.

(sec)

<sup>&</sup>lt;sup>2</sup> Response time check is required once per month.